



1:500

11 BLOCK

* * * * * 街 区 成 果 表 * * * * *

点 名	X	Y	点 名	X	Y	点 名	X	Y
11-33	- 146657.023	- 52925.177	11-34	- 146654.824	- 52923.147	11-2	- 146653.294	- 52906.201
11-3	- 146648.650	- 52898.620	11-4	- 146646.705	- 52895.798	11-5	- 146643.997	- 52892.068
11-6	- 146634.835	- 52880.471	11-35	- 146599.640	- 52879.397	11-36	- 146597.321	- 52877.516
11-8	- 146596.913	- 52875.744	11-37	- 146595.914	- 52871.595	11-38	- 146597.293	- 52868.954
11-10	- 146619.239	- 52860.255	11-11	- 146621.685	- 52859.154	11-12	- 146623.389	- 52858.217
11-13	- 146625.142	- 52857.064	11-14	- 146628.377	- 52854.648	11-15	- 146638.969	- 52848.973
11-39	- 146649.017	- 52843.342	11-40	- 146651.959	- 52843.943	11-17	- 146673.973	- 52871.942
11-18	- 146675.810	- 52874.330	11-19	- 146677.579	- 52876.734	11-20	- 146679.342	- 52879.168
11-21	- 146681.037	- 52881.645	11-22	- 146682.608	- 52884.216	11-23	- 146684.117	- 52886.957
11-24	- 146683.729	- 52887.188	11-25	- 146685.201	- 52890.688	11-26	- 146686.109	- 52893.509
11-27	- 146686.911	- 52896.370	11-28	- 146687.587	- 52899.260	11-29	- 146688.213	- 52902.195
11-30	- 146688.765	- 52905.129	11-41	- 146691.971	- 52923.937	11-42	- 146689.994	- 52926.198
11-32	- 146666.242	- 52925.455						
11-1	- 146655.002	- 52925.116	11-7	- 146597.741	- 52879.339	11-9	- 146595.454	- 52869.683
11-16	- 146650.731	- 52842.381	11-31	- 146692.369	- 52926.272			

点名 1	点名 2	方向角	距离	点名 1	点名 2	方向角	距离	点名 1	点名 2	方向角	距离
11-33	11-34	42-42-42	2.993	11-34	11-2	84-50-27	17.015	11-2	11-3	58-30-32	8.890
11-3	11-4	55-25-28	3.427	11-4	11-5	54- 1-13	4.609	11-5	11-6	51-41-24	14.779
11-6	11-35	1-44-52	35.211	11-35	11-36	39- 2-47	2.986	11-36	11-8	77- 2- 1	1.818
11-8	11-37	76-27-43	4.268	11-37	11-38	117-34-17	2.979	11-38	11-10	158-22-39	23.607
11-10	11-11	155-45-59	2.682	11-11	11-12	151-11-40	1.945	11-12	11-13	146-39-57	2.098
11-13	11-14	143-14-47	4.038	11-14	11-15	151-49- 6	12.016	11-15	11-39	150-44- 0	11.518
11-39	11-40	191-32-44	3.003	11-40	11-17	231-49-27	35.617	11-17	11-18	232-25-49	3.013
11-18	11-19	233-39- 8	2.985	11-19	11-20	234- 5- 0	3.005	11-20	11-21	235-36-59	3.001
11-21	11-22	238-34-23	3.013	11-22	11-23	241- 9-57	3.129	11-23	11-24	329-13-56	0.452
11-24	11-25	247-11-23	3.797	11-25	11-26	252- 9-29	2.964	11-26	11-27	254-20-26	2.971
11-27	11-28	256-50- 5	2.968	11-28	11-29	257-57-36	3.001	11-29	11-30	259-20-42	2.985
11-30	11-41	260-19-35	19.079	11-41	11-42	311- 9-58	3.003	11-42	11-32	1-47-30	23.764
11-32	11-33	1-43-38	9.223								

11-1	11-33	181-43-38	2.022	11-1	11-34	84-50-27	1.977
11-7	11-35	181-44-52	1.900	11-7	11-36	77- 2- 1	1.871
11-9	11-37	256-27-43	1.967	11-9	11-38	158-22-39	1.979
11-16	11-39	330-44- 0	1.965	11-16	11-40	231-49-27	1.987
11-31	11-41	80-19-35	2.369	11-31	11-42	1-47-30	2.376

点 名	内 角	点 名	内 角	点 名	内 角	点 名	内 角
11-33	139- 0- 56	11-34	137- 52- 15	11-2	206- 19- 55	11-3	183- 5- 4
11-4	181- 24- 15	11-5	182- 19- 49	11-6	229- 56- 32	11-35	142- 42- 5
11-36	142- 0- 46	11-8	180- 34- 18	11-37	138- 53- 26	11-38	139- 11- 38
11-10	182- 36- 40	11-11	184- 34- 19	11-12	184- 31- 43	11-13	183- 25- 10
11-14	171- 25- 41	11-15	181- 5- 6	11-39	139- 11- 16	11-40	139- 43- 17
11-17	179- 23- 38	11-18	178- 46- 41	11-19	179- 34- 8	11-20	178- 28- 1
11-21	177- 2- 36	11-22	177- 24- 26	11-23	91- 56- 1	11-24	262- 2- 33
11-25	175- 1- 54	11-26	177- 49- 3	11-27	177- 30- 21	11-28	178- 52- 29
11-29	178- 36- 54	11-30	179- 1- 7	11-41	129- 9- 37	11-42	129- 22- 28
11-32	180- 3- 52						

11-1	96- 53- 11	11-7	104- 42- 51	11-9	98- 5- 4	11-16	98- 54- 33
11-31	78- 32- 5						

* * * 突出し計算書 * * *

NO.	1		2		3
視準点名	T48		T48		T48
	方向角 1	2-44-21		2-44-21	
観測点名	T50		T50		T50
	観測角	219-43-15		212-55-35	
求点名	11-2		11-3		11-4
	方向角 2	222-27-36		215-39-56	
距離	29.173		20.775		17.588
COS & SIN	- 0.737749	- 0.675075	- 0.812434	- 0.583053	- 0.849072
X 1 . Y 1 =	-146631.772	- 52886.507	-146631.772	- 52886.507	-146631.772
DX . DY =	- 21.522	- 19.694	- 16.878	- 12.113	- 14.933
X 2 . Y 2 =	-146653.294	- 52906.201	-146648.650	- 52898.620	-146646.705

NO.	4		5		6
視準点名	T48		T48		T13
	方向角 1	2-44-21		2-44-21	
観測点名	T50		T50		T48
	観測角	201-43-10		114-10- 5	
求点名	11-5		11-6		11-8
	方向角 2	204-27-31		116-54-26	
距離	13.430		6.769		9.893
COS & SIN	- 0.910261	- 0.414036	- 0.452547	+ 0.891740	- 0.439125
X 1 . Y 1 =	-146631.772	- 52886.507	-146631.772	- 52886.507	-146592.569
DX . DY =	- 12.225	- 5.561	- 3.063	+ 6.036	- 4.344
X 2 . Y 2 =	-146643.997	- 52892.068	-146634.835	- 52880.471	-146596.913

NO.	7		8		9
視準点名	T48		T48		T48
	方向角 1	309- 7- 0		309- 7- 0	
観測点名	T51		T51		T51
	観測角	212-29- 5		211-14-25	
求点名	11-10		11-11		11-12
	方向角 2	161-36- 5		160-21-25	
距離	9.892		12.563		14.486
COS & SIN	- 0.948884	+ 0.315626	- 0.941805	+ 0.336159	- 0.934412
X 1 . Y 1 =	-146609.853	- 52863.377	-146609.853	- 52863.377	-146609.853
DX . DY =	- 9.386	+ 3.122	- 11.832	+ 4.223	- 13.536
X 2 . Y 2 =	-146619.239	- 52860.255	-146621.685	- 52859.154	-146623.389

* * * 突出し計算書 * * *

NO.	10		11		12	
視準点名	T48		T48		T51	
観測点名	T51		T51		A10	
求点名	11-13		11-14		11-15	
	方向角 1	309- 7- 0		309- 7- 0	328-22-35	
	観測角	208-26-50		205-39- 5	343-45-10	
	方向角 2	157-33-50		154-46- 5	312- 7-45	
距離	16.541		20.478		10.727	
COS & SIN	- 0.924306	+ 0.381653	- 0.904590	+ 0.426284	+ 0.670804	- 0.741634
X 1 . Y 1 =	-146609.853	- 52863.377	-146609.853	- 52863.377	-146646.165	- 52841.017
DX . DY =	- 15.289	+ 6.313	- 18.524	+ 8.729	+ 7.196	- 7.956
X 2 . Y 2 =	-146625.142	- 52857.064	-146628.377	- 52854.648	-146638.969	- 52848.973

NO.	13		14		15	
視準点名	T54		T54		T54	
観測点名	T53		T53		T53	
求点名	11-17		11-18		11-19	
	方向角 1	235-22-46		235-22-46	235-22-46	
	観測角	356-51-40		356-54-20	357-10- 0	
	方向角 2	232-14-26		232-17- 6	232-32-46	
距離	9.674		12.687		15.671	
COS & SIN	- 0.612348	- 0.790589	- 0.611734	- 0.791063	- 0.608123	- 0.793843
X 1 . Y 1 =	-146668.049	- 52864.294	-146668.049	- 52864.294	-146668.049	- 52864.294
DX . DY =	- 5.924	- 7.648	- 7.761	- 10.036	- 9.530	- 12.440
X 2 . Y 2 =	-146673.973	- 52871.942	-146675.810	- 52874.330	-146677.579	- 52876.734

NO.	16		17		18	
視準点名	T53		T53		T53	
観測点名	T54		T54		T54	
求点名	11-20		11-21		11-22	
	方向角 1	55-22-46		55-22-46	55-22-46	
	観測角	4-15- 5		5-41-10	7- 5- 0	
	方向角 2	59-37-51		61- 3-56	62-27-46	
距離	11.375		8.384		5.375	
COS & SIN	+ 0.505570	+ 0.862786	+ 0.483809	+ 0.875174	+ 0.462325	+ 0.886711
X 1 . Y 1 =	-146685.093	- 52888.982	-146685.093	- 52888.982	-146685.093	- 52888.982
DX . DY =	+ 5.751	+ 9.814	+ 4.056	+ 7.337	+ 2.485	+ 4.766
X 2 . Y 2 =	-146679.342	- 52879.168	-146681.037	- 52881.645	-146682.608	- 52884.216

* * * 突出し計算書 * * *

NO.	19	20	21
視準点名	T53	T53	T53
観測点名	T54	T54	T54
求点名	11-23	11-24	11-25
方向角 1	55-22-46	55-22-46	55-22-46
観測角	8-52-55	357-22-20	211- 0-35
方向角 2	64-15-41	52-45- 6	266-23-21
距離	2.248	2.254	1.709
COS & SIN	+ 0.434266 + 0.900785	+ 0.605271 + 0.796020	- 0.062979 - 0.998015
X 1 . Y 1 =	-146685.093 - 52888.982	-146685.093 - 52888.982	-146685.093 - 52888.982
DX . DY =	+ 0.976 + 2.025	+ 1.364 + 1.794	- 0.108 - 1.706
X 2 . Y 2 =	-146684.117 - 52886.957	-146683.729 - 52887.188	-146685.201 - 52890.688

NO.	22	23	24
視準点名	T53	T53	T53
観測点名	T54	T54	T54
求点名	11-26	11-27	11-28
方向角 1	55-22-46	55-22-46	55-22-46
観測角	201-58- 5	200-47-45	200-58-50
方向角 2	257-20-51	256-10-31	256-21-36
距離	4.640	7.608	10.576
COS & SIN	- 0.219037 - 0.975716	- 0.238952 - 0.971031	- 0.235821 - 0.971797
X 1 . Y 1 =	-146685.093 - 52888.982	-146685.093 - 52888.982	-146685.093 - 52888.982
DX . DY =	- 1.016 - 4.527	- 1.818 - 7.388	- 2.494 - 10.278
X 2 . Y 2 =	-146686.109 - 52893.509	-146686.911 - 52896.370	-146687.587 - 52899.260

NO.	25	26	27
視準点名	T53	T53	T50
観測点名	T54	T54	A11
求点名	11-29	11-30	11-32
方向角 1	55-22-46	55-22-46	58- 2-25
観測角	201-20-10	201-48-35	127- 0- 0
方向角 2	256-42-56	257-11-21	185- 2-25
距離	13.576	16.559	10.805
COS & SIN	- 0.229786 - 0.973241	- 0.221733 - 0.975107	- 0.996133 - 0.087856
X 1 . Y 1 =	-146685.093 - 52888.982	-146685.093 - 52888.982	-146655.479 - 52924.506
DX . DY =	- 3.120 - 13.213	- 3.672 - 16.147	- 10.763 - 0.949
X 2 . Y 2 =	-146688.213 - 52902.195	-146688.765 - 52905.129	-146666.242 - 52925.455

* * * 突出し計算書 * * *

NO.	28		29		30
視準点名	T50		T50		T13
観測点名	A11		A11		T48
求点名	11-33		11-34		11-35
	方向角 1	58- 2-25		58- 2-25	359- 7-48
	観測角	145-26-40		6-13-25	144-21-15
	方向角 2	203-29- 5		64-15-50	143-29- 3
距離	1.683		1.509		8.798
COS & SIN	- 0.917166	- 0.398505	+ 0.434227	+ 0.900804	- 0.803692 + 0.595045
X 1 . Y 1 =	-146655.479	- 52924.506	-146655.479	- 52924.506	-146592.569 - 52884.632
DX . DY =	- 1.544	- 0.671	+ 0.655	+ 1.359	- 7.071 + 5.235
X 2 . Y 2 =	-146657.023	- 52925.177	-146654.824	- 52923.147	-146599.640 - 52879.397

NO.	31		32		33
視準点名	T13		T13		T13
観測点名	T48		T48		T48
求点名	11-36		11-37		11-38
	方向角 1	359- 7-48		359- 7-48	359- 7-48
	観測角	124-36-20		105-15-35	107-38-20
	方向角 2	123-44- 8		104-23-23	106-46- 8
距離	8.557		13.459		16.374
COS & SIN	- 0.555361	+ 0.831610	- 0.248516	+ 0.968628	- 0.288512 + 0.957476
X 1 . Y 1 =	-146592.569	- 52884.632	-146592.569	- 52884.632	-146592.569 - 52884.632
DX . DY =	- 4.752	+ 7.116	- 3.345	+ 13.037	- 4.724 + 15.678
X 2 . Y 2 =	-146597.321	- 52877.516	-146595.914	- 52871.595	-146597.293 - 52868.954

NO.	34		35		36
視準点名	T51		T51		A11
観測点名	A10		A10		T37
求点名	11-39		11-40		11-41
	方向角 1	328-22-35		328-22-35	19-51-46
	観測角	250-48-35		238-25-10	61-33-50
	方向角 2	219-11-10		206-47-45	81-25-36
距離	3.679		6.491		14.708
COS & SIN	- 0.775098	- 0.631841	- 0.892619	- 0.450813	+ 0.149075 + 0.988826
X 1 . Y 1 =	-146646.165	- 52841.017	-146646.165	- 52841.017	-146694.164 - 52938.481
DX . DY =	- 2.852	- 2.325	- 5.794	- 2.926	+ 2.193 + 14.544
X 2 . Y 2 =	-146649.017	- 52843.342	-146651.959	- 52843.943	-146691.971 - 52923.937

* * * 突出し計算書 * * *

NO.	37		
視準点名	A11	方向角 1	19-51-46
観測点名	T37	観測角	51-23- 5
求点名	11-42	方向角 2	71-14-51
距離	12.972		
COS & SIN	+ 0.321481	+ 0.946916	
X 1 . Y 1 =	-146694.164	- 52938.481	
DX . DY =	+ 4.170	+ 12.283	
X 2 . Y 2 =	-146689.994	- 52926.198	

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 1
 点名 X Y
 1 11-33 - 146657.023 - 52925.177
 2 11-34 - 146654.824 - 52923.147
 COS=+ 0.734778 SIN=+ 0.678308
 A L= 42-42-42 L = 2.993

NO 2
 点名 X Y
 1 11-34 - 146654.824 - 52923.147
 2 11-2 - 146653.294 - 52906.201
 COS=+ 0.089921 SIN=+ 0.995949
 A L= 84-50-27 L = 17.015

NO 3
 点名 X Y
 1 11-2 - 146653.294 - 52906.201
 2 11-3 - 146648.650 - 52898.620
 COS=+ 0.522364 SIN=+ 0.852722
 A L= 58-30-32 L = 8.890

NO 4
 点名 X Y
 1 11-3 - 146648.650 - 52898.620
 2 11-4 - 146646.705 - 52895.798
 COS=+ 0.567494 SIN=+ 0.823377
 A L= 55-25-28 L = 3.427

NO 5
 点名 X Y
 1 11-4 - 146646.705 - 52895.798
 2 11-5 - 146643.997 - 52892.068
 COS=+ 0.587501 SIN=+ 0.809224
 A L= 54- 1-13 L = 4.609

NO 6
 点名 X Y
 1 11-5 - 146643.997 - 52892.068
 2 11-6 - 146634.835 - 52880.471
 COS=+ 0.619914 SIN=+ 0.784670
 A L= 51-41-24 L = 14.779

NO 7
 点名 X Y
 1 11-6 - 146634.835 - 52880.471
 2 11-35 - 146599.640 - 52879.397
 COS=+ 0.999535 SIN=+ 0.030502
 A L= 1-44-52 L = 35.211

NO 8
 点名 X Y
 1 11-35 - 146599.640 - 52879.397
 2 11-36 - 146597.321 - 52877.516
 COS=+ 0.776636 SIN=+ 0.629949
 A L= 39- 2-47 L = 2.986

NO 9
 点名 X Y
 1 11-36 - 146597.321 - 52877.516
 2 11-8 - 146596.913 - 52875.744
 COS=+ 0.224378 SIN=+ 0.974502
 A L= 77- 2- 1 L = 1.818

NO 10
 点名 X Y
 1 11-8 - 146596.913 - 52875.744
 2 11-37 - 146595.914 - 52871.595
 COS=+ 0.234091 SIN=+ 0.972215
 A L= 76-27-43 L = 4.268

NO 11
 点名 X Y
 1 11-37 - 146595.914 - 52871.595
 2 11-38 - 146597.293 - 52868.954
 COS=- 0.462853 SIN=+ 0.886435
 A L= 117-34-17 L = 2.979

NO 12
 点名 X Y
 1 11-38 - 146597.293 - 52868.954
 2 11-10 - 146619.239 - 52860.255
 COS=- 0.929632 SIN=+ 0.368489
 A L= 158-22-39 L = 23.607

NO 13
 点名 X Y
 1 11-10 - 146619.239 - 52860.255
 2 11-11 - 146621.685 - 52859.154
 COS=- 0.911880 SIN=+ 0.410458
 A L= 155-45-59 L = 2.682

NO 14
 点名 X Y
 1 11-11 - 146621.685 - 52859.154
 2 11-12 - 146623.389 - 52858.217
 COS=- 0.876259 SIN=+ 0.481840
 A L= 151-11-40 L = 1.945

NO 15
 点名 X Y
 1 11-12 - 146623.389 - 52858.217
 2 11-13 - 146625.142 - 52857.064
 COS=- 0.835480 SIN=+ 0.549520
 A L= 146-39-57 L = 2.098

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 16
 点名 X Y
 1 11-13 - 146625.142 - 52857.064
 2 11-14 - 146628.377 - 52854.648
 COS=- 0.801217 SIN=+ 0.598374
 A L= 143-14-47 L = 4.038

NO 17
 点名 X Y
 1 11-14 - 146628.377 - 52854.648
 2 11-15 - 146638.969 - 52848.973
 COS=- 0.881455 SIN=+ 0.472268
 A L= 151-49- 6 L = 12.016

NO 18
 点名 X Y
 1 11-15 - 146638.969 - 52848.973
 2 11-39 - 146649.017 - 52843.342
 COS=- 0.872353 SIN=+ 0.488876
 A L= 150-44- 0 L = 11.518

NO 19
 点名 X Y
 1 11-39 - 146649.017 - 52843.342
 2 11-40 - 146651.959 - 52843.943
 COS=- 0.979765 SIN=- 0.200149
 A L= 191-32-44 L = 3.003

NO 20
 点名 X Y
 1 11-40 - 146651.959 - 52843.943
 2 11-17 - 146673.973 - 52871.942
 COS=- 0.618078 SIN=- 0.786117
 A L= 231-49-27 L = 35.617

NO 21
 点名 X Y
 1 11-17 - 146673.973 - 52871.942
 2 11-18 - 146675.810 - 52874.330
 COS=- 0.609727 SIN=- 0.792612
 A L= 232-25-49 L = 3.013

NO 22
 点名 X Y
 1 11-18 - 146675.810 - 52874.330
 2 11-19 - 146677.579 - 52876.734
 COS=- 0.592685 SIN=- 0.805435
 A L= 233-39- 8 L = 2.985

NO 23
 点名 X Y
 1 11-19 - 146677.579 - 52876.734
 2 11-20 - 146679.342 - 52879.168
 COS=- 0.586608 SIN=- 0.809871
 A L= 234- 5- 0 L = 3.005

NO 24
 点名 X Y
 1 11-20 - 146679.342 - 52879.168
 2 11-21 - 146681.037 - 52881.645
 COS=- 0.564732 SIN=- 0.825275
 A L= 235-36-59 L = 3.001

NO 25
 点名 X Y
 1 11-21 - 146681.037 - 52881.645
 2 11-22 - 146682.608 - 52884.216
 COS=- 0.521410 SIN=- 0.853306
 A L= 238-34-23 L = 3.013

NO 26
 点名 X Y
 1 11-22 - 146682.608 - 52884.216
 2 11-23 - 146684.117 - 52886.957
 COS=- 0.482275 SIN=- 0.876020
 A L= 241- 9-57 L = 3.129

NO 27
 点名 X Y
 1 11-23 - 146684.117 - 52886.957
 2 11-24 - 146683.729 - 52887.188
 COS=+ 0.859247 SIN=- 0.511562
 A L= 329-13-56 L = 0.452

NO 28
 点名 X Y
 1 11-24 - 146683.729 - 52887.188
 2 11-25 - 146685.201 - 52890.688
 COS=- 0.387680 SIN=- 0.921794
 A L= 247-11-23 L = 3.797

NO 29
 点名 X Y
 1 11-25 - 146685.201 - 52890.688
 2 11-26 - 146686.109 - 52893.509
 COS=- 0.306391 SIN=- 0.951906
 A L= 252- 9-29 L = 2.964

NO 30
 点名 X Y
 1 11-26 - 146686.109 - 52893.509
 2 11-27 - 146686.911 - 52896.370
 COS=- 0.269917 SIN=- 0.962884
 A L= 254-20-26 L = 2.971

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 31
 点名 X Y
 1 11-27 - 146686.911 - 52896.370
 2 11-28 - 146687.587 - 52899.260
 COS=- 0.227762 SIN=- 0.973717
 A L= 256-50- 5 L = 2.968

NO 32
 点名 X Y
 1 11-28 - 146687.587 - 52899.260
 2 11-29 - 146688.213 - 52902.195
 COS=- 0.208596 SIN=- 0.978002
 A L= 257-57-36 L = 3.001

NO 33
 点名 X Y
 1 11-29 - 146688.213 - 52902.195
 2 11-30 - 146688.765 - 52905.129
 COS=- 0.184895 SIN=- 0.982758
 A L= 259-20-42 L = 2.985

NO 34
 点名 X Y
 1 11-30 - 146688.765 - 52905.129
 2 11-41 - 146691.971 - 52923.937
 COS=- 0.168036 SIN=- 0.985781
 A L= 260-19-35 L = 19.079

NO 35
 点名 X Y
 1 11-41 - 146691.971 - 52923.937
 2 11-42 - 146689.994 - 52926.198
 COS=+ 0.658245 SIN=- 0.752804
 A L= 311- 9-58 L = 3.003

NO 36
 点名 X Y
 1 11-42 - 146689.994 - 52926.198
 2 11-32 - 146666.242 - 52925.455
 COS=+ 0.999511 SIN=+ 0.031266
 A L= 1-47-30 L = 23.764

NO 37
 点名 X Y
 1 11-32 - 146666.242 - 52925.455
 2 11-33 - 146657.023 - 52925.177
 COS=+ 0.999546 SIN=+ 0.030141
 A L= 1-43-38 L = 9.223

* * * * * 2 直線 の 交点 計算書 * * * * *

求点名	NO	1 11-1	2	11-7	3	11-9		
ALH T1.T2	1-43-38	264-50-27	1-44-52	257- 2- 1	76-27-43	338-22-39		
SIN T1.T2	+0.030141	-0.995949	+0.030500	-0.974502	+0.972215	-0.368490		
COS T1.T2	+0.999546	-0.089923	+0.999535	-0.224379	+0.234091	+0.929632		
コウカク = T	96-53-11		104-42-51		98- 5- 4			
COSEC T	+ 1.007267		+ 1.033907		+ 1.010038			
	X	Y						
1 11-33	- 146657.023	- 52925.177	11-35	- 146599.640	- 52879.397	11-37	- 146595.914	- 52871.595
2 11-34	- 146654.824	- 52923.147	11-36	- 146597.321	- 52877.516	11-38	- 146597.293	- 52868.954
X1-2.Y2-1	- 2.199	+ 2.030		- 2.319	+ 1.881		+ 1.379	+ 2.641
X1-2*SI1.2	- 0.0663	+ 2.1901		- 0.0707	+ 2.2599		+ 1.3407	- 0.5081
Y2-1*CO1.2	+ 2.0291	- 0.1825		+ 1.8801	- 0.4221		+ 0.6182	+ 2.4552
COSEC*S1.2	+ 1.9771	+ 2.0221		+ 1.8707	+ 1.9001		+ 1.9786	+ 1.9666
キヨリ S1.S2	2.022	1.977		1.900	1.871		1.967	1.979
	X	Y						
1 11-33	- 146657.023	- 52925.177	11-35	- 146599.640	- 52879.397	11-37	- 146595.914	- 52871.595
DX DY	+ 2.021	+ 0.061		+ 1.899	+ 0.058		+ 0.460	+ 1.912
3 11-1	- 146655.002	- 52925.116	11-7	- 146597.741	- 52879.339	11-9	- 146595.454	- 52869.683

求点名	NO	4 11-16	5	11-31	
ALH T1.T2	150-44- 0	51-49-27	260-19-35	181-47-30	
SIN T1.T2	+0.488875	+0.786118	-0.985781	-0.031265	
COS T1.T2	-0.872354	+0.618077	-0.168035	-0.999511	
コウカク = T	98-54-33		78-32- 5		
COSEC T	+ 1.012212		+ 1.020361		
	X	Y			
1 11-39	- 146649.017	- 52843.342	11-41	- 146691.971	- 52923.937
2 11-40	- 146651.959	- 52843.943	11-42	- 146689.994	- 52926.198
X1-2.Y2-1	+ 2.942	- 0.601		- 1.977	- 2.261
X1-2*SI1.2	+ 1.4383	+ 2.3128		+ 1.9489	+ 0.0618
Y2-1*CO1.2	+ 0.5243	- 0.3715		+ 0.3799	+ 2.2599
COSEC*S1.2	+ 1.9865	+ 1.9650		+ 2.3762	+ 2.3690
キヨリ S1.S2	1.965	1.987		2.369	2.376
	X	Y			
1 11-39	- 146649.017	- 52843.342	11-41	- 146691.971	- 52923.937
DX DY	- 1.714	+ 0.961		- 0.398	- 2.335
3 11-16	- 146650.731	- 52842.381	11-31	- 146692.369	- 52926.272

* * * * * 各 筆 面 積 計 算 書 * * * * *

11 BLOCK

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146500.000	- 52800.000		
11-33	- 146657.023	- 52925.177		
11-34	- 146654.824	- 52923.147	+ 19380.403848	+ 19336.911381
11-2	- 146653.294	- 52906.201	+ 18877.696218	+ 16442.463624
11-3	- 146648.650	- 52898.620	+ 15786.778650	+ 15117.854280
11-4	- 146646.705	- 52895.798	+ 14468.047100	+ 14240.372700
11-5	- 146643.997	- 52892.068	+ 13794.624606	+ 13506.835940
11-6	- 146634.835	- 52880.471	+ 12413.988780	+ 11587.582587
11-35	- 146599.640	- 52879.397	+ 8018.130440	+ 10705.494495
11-36	- 146597.321	- 52877.516	+ 7726.995437	+ 7723.694240
11-8	- 146596.913	- 52875.744	+ 7512.308108	+ 7371.481824
11-37	- 146595.914	- 52871.595	+ 7264.910016	+ 6938.486235
11-38	- 146597.293	- 52868.954	+ 6965.692335	+ 6613.653956
11-10	- 146619.239	- 52860.255	+ 8222.006006	+ 5862.389715
11-11	- 146621.685	- 52859.154	+ 7332.129675	+ 7053.463806
11-12	- 146623.389	- 52858.217	+ 7298.952906	+ 7084.135645
11-13	- 146625.142	- 52857.064	+ 7285.391814	+ 7041.069896
11-14	- 146628.377	- 52854.648	+ 7325.705128	+ 6838.760016
11-15	- 146638.969	- 52848.973	+ 7594.377912	+ 6287.006821
11-39	- 146649.017	- 52843.342	+ 7297.809541	+ 6023.194398
11-40	- 146651.959	- 52843.943	+ 6586.206978	+ 6548.254031
11-17	- 146673.973	- 52871.942	+ 7644.895539	+ 10932.234378
11-18	- 146675.810	- 52874.330	+ 12648.123020	+ 12931.413090
11-19	- 146677.579	- 52876.734	+ 13199.447070	+ 13490.604540
11-20	- 146679.342	- 52879.168	+ 13761.629028	+ 14058.574272
11-21	- 146681.037	- 52881.645	+ 14332.337216	+ 14642.377590
11-22	- 146682.608	- 52884.216	+ 14909.030160	+ 15246.211992
11-23	- 146684.117	- 52886.957	+ 15505.597272	+ 15879.043856
11-24	- 146683.729	- 52887.188	+ 15976.522653	+ 16052.792996
11-25	- 146685.201	- 52890.688	+ 16147.304788	+ 16662.015552
11-26	- 146686.109	- 52893.509	+ 16877.852992	+ 17317.960309
11-27	- 146686.911	- 52896.370	+ 17477.860699	+ 17935.324330
11-28	- 146687.587	- 52899.260	+ 18077.759190	+ 18552.785860
11-29	- 146688.213	- 52902.195	+ 18682.022380	+ 19170.453465
11-30	- 146688.765	- 52905.129	+ 19290.839175	+ 19786.644477
11-41	- 146691.971	- 52923.937	+ 20181.719259	+ 23394.967805
11-42	- 146689.994	- 52926.198	+ 23547.286378	+ 24226.356258
11-32	- 146666.242	- 52925.455	+ 20979.407916	+ 23835.697270
11-33	- 146657.023	- 52925.177	+ 19699.320465	+ 20809.674834

倍面積 = +490091.110698
 面積 = 7157.127766
 = 3578.563883

タケ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146500.000	- 52800.000		
11-33	- 146657.023	- 52925.177		
11-34	- 146654.824	- 52923.147	+ 19380.403848	+ 19336.911381

* * * * * 各 筆 面 積 計 算 書 * * * * *

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
11-2	- 146653.294	- 52906.201	+ 18877.696218	+ 16442.463624
11-3	- 146648.650	- 52898.620	+ 15786.778650	+ 15117.854280
11-4	- 146646.705	- 52895.798	+ 14468.047100	+ 14240.372700
11-5	- 146643.997	- 52892.068	+ 13794.624606	+ 13506.835940
11-6	- 146634.835	- 52880.471	+ 12413.988780	+ 11587.582587
11-35	- 146599.640	- 52879.397	+ 8018.130440	+ 10705.494495
11-36	- 146597.321	- 52877.516	+ 7726.995437	+ 7723.694240
11-8	- 146596.913	- 52875.744	+ 7512.308108	+ 7371.481824
11-37	- 146595.914	- 52871.595	+ 7264.910016	+ 6938.486235
11-38	- 146597.293	- 52868.954	+ 6965.692335	+ 6613.653956
11-10	- 146619.239	- 52860.255	+ 8222.006006	+ 5862.389715
11-11	- 146621.685	- 52859.154	+ 7332.129675	+ 7053.463806
11-12	- 146623.389	- 52858.217	+ 7298.952906	+ 7084.135645
11-13	- 146625.142	- 52857.064	+ 7285.391814	+ 7041.069896
11-14	- 146628.377	- 52854.648	+ 7325.705128	+ 6838.760016
11-15	- 146638.969	- 52848.973	+ 7594.377912	+ 6287.006821
11-39	- 146649.017	- 52843.342	+ 7297.809541	+ 6023.194398
11-40	- 146651.959	- 52843.943	+ 6586.206978	+ 6548.254031
11-17	- 146673.973	- 52871.942	+ 7644.895539	+ 10932.234378
11-18	- 146675.810	- 52874.330	+ 12648.123020	+ 12931.413090
11-19	- 146677.579	- 52876.734	+ 13199.447070	+ 13490.604540
11-20	- 146679.342	- 52879.168	+ 13761.629028	+ 14058.574272
11-21	- 146681.037	- 52881.645	+ 14332.337216	+ 14642.377590
11-22	- 146682.608	- 52884.216	+ 14909.030160	+ 15246.211992
11-23	- 146684.117	- 52886.957	+ 15505.597272	+ 15879.043856
11-24	- 146683.729	- 52887.188	+ 15976.522653	+ 16052.792996
11-25	- 146685.201	- 52890.688	+ 16147.304788	+ 16662.015552
11-26	- 146686.109	- 52893.509	+ 16877.852992	+ 17317.960309
11-27	- 146686.911	- 52896.370	+ 17477.860699	+ 17935.324330
11-28	- 146687.587	- 52899.260	+ 18077.759190	+ 18552.785860
11-29	- 146688.213	- 52902.195	+ 18682.022380	+ 19170.453465
11-30	- 146688.765	- 52905.129	+ 19290.839175	+ 19786.644477
11-41	- 146691.971	- 52923.937	+ 20181.719259	+ 23394.967805
11-42	- 146689.994	- 52926.198	+ 23547.286378	+ 24226.356258
11-32	- 146666.242	- 52925.455	+ 20979.407916	+ 23835.697270
11-33	- 146657.023	- 52925.177	+ 19699.320465	+ 20809.674834
			+490091.110698	+497248.238464
		倍面積	= 7157.127766	
		面積	= 3578.563883	

1 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146600.000	- 52900.000		
11-1	- 146655.002	- 52925.116		
11-33	- 146657.023	- 52925.177	+ 1432.189668	+ 1384.785354
11-34	- 146654.824	- 52923.147	+ 1380.303848	+ 1319.911381

* * * * * 各 筆 面 積 計 算 書 * * * * *

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
11-1	- 146655.002	- 52925.116	+ 1273.1312 94	+ 1376.959584
			+ 4085.6248 10	+ 4081.656319
		倍面積	= 3.9684 91	
		面積	= 1.9842 45	

7 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146500.000	- 52800.000		
11-7	- 146597.741	- 52879.339		
11-35	- 146599.640	- 52879.397	+ 7905.3379 60	+ 7760.342177
11-36	- 146597.321	- 52877.516	+ 7726.9954 37	+ 7723.694240
11-7	- 146597.741	- 52879.339	+ 7576.4913 56	+ 7721.350819
			+ 23208.8247 53	+ 23205.387236
		倍面積	= 3.4375 17	
		面積	= 1.7187 58	

9 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146500.000	- 52800.000		
11-9	- 146595.454	- 52869.683		
11-37	- 146595.914	- 52871.595	+ 6683.5752 62	+ 6834.029130
11-38	- 146597.293	- 52868.954	+ 6965.6923 35	+ 6613.653956
11-9	- 146595.454	- 52869.683	+ 6581.9351 16	+ 6779.668119
			+ 20231.2027 13	+ 20227.351205
		倍面積	= 3.8515 08	
		面積	= 1.9257 54	

16 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146600.000	- 52800.000		
11-16	- 146650.731	- 52842.381		
11-39	- 146649.017	- 52843.342	+ 2077.3894 77	+ 2198.783002
11-40	- 146651.959	- 52843.943	+ 2252.0069 78	+ 2153.954031
11-16	- 146650.731	- 52842.381	+ 2229.2723 33	+ 2202.074379
			+ 6558.6687 88	+ 6554.811412
		倍面積	= 3.8573 76	
		面積	= 1.9286 88	

31 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146600.000	- 52900.000		
11-31	- 146692.369	- 52926.272		
11-41	- 146691.971	- 52923.937	+ 2416.2621 12	+ 2211.036753

* * * * * 各 筆 面 積 計 算 書 * * * * *

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
11-42	- 146689.994	- 52926.198	+ 2154.186378	+ 2409.456258
11-31	- 146692.369	- 52926.272	+ 2419.883062	+ 2364.322368
			+ 6990.331552	+ 6984.815379
		倍面積	= 5.516173	
		面積	= 2.758086	

* * * 各筆面積 集計表 * * *

街区名・筆名	各筆面積	隅切面積
11 BLOCK	3578.56	
タク子	3578.56	
1 スミキリ		1.98
7 スミキリ		1.71
9 スミキリ		1.92
16 スミキリ		1.92
31 スミキリ		2.75
合計 =	3578.56	10.28